

APPENDIX C - PROGRAM MAINTENANCE PROCEDURES

C.1 GCCS/JOPEs CORE DATABASE STRUCTURE

The GCCS/JOPEs Core Database is made up of tables and elements that contain the data necessary to support S&M and other GCCS applications. The structure is represented by a series of E/R diagrams and reports that contain detailed descriptions of the tables, elements and their characteristics (appendices are described in Paragraph 1.3.1).

C.1.1 Entity Relationship Diagrams

The E/R diagrams depict the denormalized physical implementation of the objects which the GCCS/JOPEs Core Database comprises. These objects (tables and views) are each represented as an entity. Each diagram names the entity, lists a primary originating source for the data contained in it (e.g., S&M SRS, **PLAN/INFO** file) and lists the primary key data element(s).

- C The **Diagram Legend**, Figure C-1, describes the kinds of relationships that may exist between two entities. Most of the time, two entities will have only a single relationship between them, but if they have more than one, there will be a descriptive phrase on the relationship lines that distinguish them.
- C The **GCCS/JOPEs Core Database Architectural Overview**, Figure C-2, identifies the major subject areas currently in the database architecture.
- C The **GCCS/JOPEs Core Database Object Matrix**, Table C-1, provides a list of all objects (tables and views) which the database currently comprises, as well as their object type. Note that this excludes snapshot related internal objects which are covered in Appendix K.
- C The **GCCS/JOPEs Core Database Object to ERD Matrix**, Table C-2, provides a cross-reference between the E/R Diagrams and objects listed in Table C-1.
- C **Major Functional Areas Reference Data** (OPLAN, carrier, and requirements), Figure C-3, includes S&M data; plan, force module, and requirements data; Geographic Locations Code (**GEO**), Type Unit Equipment Detail (**TUDET**), and Type Unit Characteristics File (**TUCHA**) data; unit data; and new data such as other non-unit line number (**ULN**), non-cargo increment number (**CIN**), or non-personnel increment number (**PIN**) requirements.
- C **Major Functional Areas/Codes Look-up Tables** (OPLAN, carrier, and requirements), includes static code or look-up tables that support or relate to the tables represented in the major functional areas diagram. This diagram has been divided into three parts due to page constraints: Figure C-4, **FORCE**; Figure C-5, **CARRIER**; and Figure C-6, **CARGO**.

- C **Air/Sea Lifts & Ports Reference Data** (location data), Figure C-7, includes Characteristics of Strategic Transportation Resources (**CHSTR**), Transportation Assets (**ASSETS**), Aerial Ports and Air Operating Bases (**APORTS**), and Port Characteristics (**PORTS**) data.
- C **Air/Sea Lifts & Ports Codes/Look-up Tables** (location), Figure C-8, includes static code or look-up tables that support or relate to the tables represented in the Air/Sea Lift and Ports diagram.
- C **LFF Reference Data** (supply), Figure C-9, consists of the Logistics Factors File (**LFF**) data.
- C **Ad Hoc Query Tables** (system management), Figure C-10, includes the data required to support the Ad Hoc Query System. It is made up of tables that contain the data dictionary for Ad Hoc Query and user-formatted query information.
- C **System Level Data** (system management), Figure C-11, includes information used for system and database management of the GCCS Database. This includes user, OPLAN and functional access permissions, and transaction processing.
- C **Requirements Data Analysis** (system management), Figure C-12, includes information about the data that supports the RDA application.
- C **GSORTS (Global Status of Resource and Training System) UNIT View** (unit), Figure C-13, provides a view of unit data which is based on GSORTS tables.

C.1.2 Detailed Information

Further detailed information related to data structure can be found in the following sections of this document:

- C Appendix E GCCS/JOPEs Core Entity Name List
- C Appendix F GCCS/JOPEs Core Element Name List
- C Appendix G GCCS/JOPEs Core Entity Definitions
- C Appendix H GCCS/JOPEs Core Element Definitions
- C Appendix I JOPEs LDM Deviations
- C Appendix J GCCS/JOPEs Core ORACLE Data Definitions
 - J-2 Create Tablespaces DDL
 - J-3 Synonyms Report
 - J-4 Indexes Report by Format
 - J-5 Create Database Sequence Numbers DDL
 - J-6 Constraints Report by Format
 - J-7 Column Description Report
 - J-8 Table Description Report
 - J-9 Referential Integrity Report

Figure C-1: Diagram Legend.

Figure C-2: GCCS/JOPES Core Database Architectural Overview.

Table C-1: GCCS/JOPES Core Database Object Matrix.

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
ACTIV		x			
AF_LOG_SR	x				
AF_LOG_SR_VW		x			security view
AF_PRSL_SR	x				
AF_PRSL_SR_VW		x			security view
AHQ_FORMATTERS	x				
AHQ_QUALIFIER	x				
AHQ_RQMT		x			AHQ
AHQ_SYSCOL	x				
AHQ_SYSINDEX	x				
AHQ_SYSKEY	x				
AHQ_SYSREF	x				
AIRCRAFT_CATEGORY	x				
AIRCRAFT_CAT_LEG	x				
AIRCRAFT_CAT_MOB_COND	x				
AIRCRAFT_CAT_MOB_PLAN	x				
AIRCRAFT_TYPE	x			x	
AIRLIFT_SOURCE	x			x	
AIRPORT			x		
AIRPORT_AIRCRAFT_CAT			x		
AIRPORT_CLEARANCE			x		
AIRPORT_CLEARANCE_MODE	x			x	
AIRPORT_REMARK			x		
AIRPORT_STATUS	x			x	

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
ALL_TABLES		x			ORACLE
ALL_TAB_COLUMNS		x			ORACLE
APRON			x		
APRON_CONDITION	x			x	
APRON_SURFACE	x			x	
APRON_TYPE	x			x	
ARMYUNIQUE		x			
ARMY_ACTIV		x			
ASGD_TEAM_STATUS_CODE		x			
ASSIGNMENT_ALLOC_MANIF_VIEW		x			AHQ
ASSIGNMENT_LEG_MAP		x			AHQ
ATLANTIC_GULF_GEO	x			x	
AUDITOR_ERROR_MERGE	x				
AUDITOR_ERROR_MERGE_VW		x			security view
AUDITOR_RECEIVE_QUEUE	x				
AUDITOR_RECEIVE_QUEUE_VW		x			security view
AUDITOR_SEND_QUEUE	x				
AUDITOR_SEND_QUEUE_VW		x			security view
AVAILABILITY_CODE		x			
CARGO_CATEGORY	x				
CARGO_CONTAINERIZATION	x			x	
CARGO_EXTENT	x			x	
CARGO_HEAVY_ITEM_TYPE	x			x	
CARGO_TYPE	x			x	
CARRIER	x				
CARRIER_ALL		x			AHQ

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
CARRIER_ALLOCATION	x				
CARRIER_ALLOCATION_VW		x			security view
CARRIER_ITINERARY	x				
CARRIER_ITINERARY_STOP	x			x	
CARRIER_LEG2		x			AHQ
CARRIER_MAN		x			AHQ
CARRIER_MANIFEST	x				
CARRIER_MANIFEST_VW		x			security view
CARRIER_MODE	x			x	
CARRIER_PROVIDING_ORGN	x			x	
CARRIER_REMARK	x				
CARRIER_REMARK_TYPE	x			x	
CARRIER_SOURCE	x			x	
CATEGORY_DATA_ELEMENTS	x				
CINC_TYPE	x			x	
COUNTRY_STATE	x			x	
CRAF_CAT_UTILIZATION	x				
DATA_ELEMENTS	x				
DEPLOYMENT_CATEGORY	x			x	
DISCHARGE_CONSTRAINT	x			x	
DLA_SERVICE	x			x	
DLA_SERVICE_FUEL_L9	x				
DLA_SERVICE_SUPPLY_ITEM_L8	x				
DLA_SERVICE_SUPPLY_L9	x				
DODAAC	x			x	
ELEMENT_CODES	x				

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
EMBARKED		x			
EQUIOPLN		x			
EQUIPMENT_TYPE			x		
EXCEPTIONS	x				
FAILED_TRANSACTION_DIST_LOG	x				
FILE_TRANSITION	x				
FORCE_INDICATOR_TYPE	x			x	
FORCE_MODULE	x				
FORCE_MODULE_VW		x			security view
FORCE_MODULE_DESCRIPTION	x				
FORCE_MODULE_DESCRIPTION_VW		x			security view
FORCE_MODULE_RQMT	x				
FORCE_MODULE_RQMT_VW		x			security view
FORCE_PROVIDING_ORGN	x			x	
FORCE_VALIDATION_ERROR	x			x	
FORCE_VALIDATION_STATUS	x			x	
FOREIGN_EQUIP_CODE		x			
FUEL_TYPE	x			x	
GEOGRAPHIC_LOCATION			x		
GEO_COUNTRY_STATE		x			AHQ
HARBOR			x		
HARBOR_TYPE	x			x	
HOST_SITE	x			x	
ICAO	x			x	
INSTALLATION_TYPE	x			x	
INT_LOCS		x			AHQ

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
JOPEX_USER	x				
LFF_SUSTAINMENT	x			x	
LOAD_CONFIGURATION_TYPE	x			x	
LOAD_COUNT	x				
LOGISTICS_PLANNING	x			x	
MAJ_EQUIP_USE		x			
MECAP		x			
MECL		x			
MEQLOCN		x			
MILSTAMP	x			x	
MOB_CONDITION	x			x	
MOVEMENT_LEG	x			x	
NONUNIT_CARGO_CAT		x			AHQ
NONUNIT_CARGO_PRVDNG_ORGN	x			x	
NONUNIT_PRSL_PRVDNG_ORGN	x			x	
NONUNIT_RLTD_TY_MVT_CARGO	x				
NONUNIT_RLTD_TY_MVT_PRSL	x				
NONUNIT_STOP_REASON	x			x	
NONUNIT_TYPE_MVMT		x			AHQ
NONUNIT_TYPE_MVMT_VIEW		x			AHQ
OPLAN	x				
OPLAN_VW		x			security view
OPLAN_ACCESS	x				
OPLAN_ACCESS_VW		x			security view
OPLAN_AGENCY_USE	x				
OPLAN_AGENCY_USE_VW		x			security view

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
OPLAN_ASSUMPTION	x				
OPLAN_ASSUMPTION_VW		x			security view
OPLAN_CARRIER	x				
OPLAN_CARRIER_VW		x			security view
OPLAN_CONCEPT	x				
OPLAN_CONCEPT_VW		x			security view
OPLAN_CONDITION	x				
OPLAN_CONDITION_VW		x			security view
OPLAN_CONSTRAINT	x				
OPLAN_CONSTRAINT_VW		x			security view
OPLAN_FORCE_ALT_POD		x			AHQ
OPLAN_FORCE_ALT_POE		x			AHQ
OPLAN_FORCE_RQMT	x				
OPLAN_FORCE_RQMT_VW		x			security view
OPLAN_FORCE_RQMT_APS		x			AHQ
OPLAN_FORCE_RQMT_CARGO	x				
OPLAN_FORCE_RQMT_CARGO_VW		x			security view
OPLAN_FORCE_RQMT_CARGO4	x				
OPLAN_FORCE_RQMT_CARGO4_VW		x			security view
OPLAN_FORCE_RQMT_CARGO_ALL		x			
OPLAN_FORCE_RQMT_DST		x			AHQ
OPLAN_FORCE_RQMT_INT		x			AHQ
OPLAN_FORCE_RQMT_LOC	x				
OPLAN_FORCE_RQMT_LOC_VW		x			security view
OPLAN_FORCE_RQMT_LPS		x			AHQ
OPLAN_FORCE_RQMT_MPS		x			AHQ

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
OPLAN_FORCE_RQMT_ORG		x			AHQ
OPLAN_FORCE_RQMT_POD		x			AHQ
OPLAN_FORCE_RQMT_POE		x			AHQ
OPLAN_FORCE_RQMT_SPS		x			AHQ
OPLAN_LOCS		x			AHQ
OPLAN_MAJOR_FORCE	x				
OPLAN_MAJOR_FORCE_VW		x			security view
OPLAN_MISSION	x				
OPLAN_MISSION_VW		x			security view
OPLAN_NARRATIVE	x				
OPLAN_NARRATIVE_VW		x			security view
OPLAN_NONUNIT_RQMT		x			AHQ
OPLAN_NONUNIT_RQMT_ALT_POD		x			AHQ
OPLAN_NONUNIT_RQMT_ALT_POE		x			AHQ
OPLAN_NONUNIT_RQMT_AMMO_POS		x			AHQ
OPLAN_NONUNIT_RQMT_APOS		x			AHQ
OPLAN_NONUNIT_RQMT_CARGO	x				
OPLAN_NONUNIT_RQMT_CARGO_VW		x			security view
OPLAN_NONUNIT_RQMT_DEST		x			AHQ
OPLAN_NONUNIT_RQMT_INT		x			AHQ
OPLAN_NONUNIT_RQMT_LOC	x				
OPLAN_NONUNIT_RQMT_LOC_VW		x			security view
OPLAN_NONUNIT_RQMT_ORIGIN		x			AHQ
OPLAN_NONUNIT_RQMT_POD		x			AHQ
OPLAN_NONUNIT_RQMT_POE		x			AHQ
OPLAN_NONUNIT_RQMT_POL_POS		x			AHQ

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
OPLAN_NONUNIT_RQMT_PRSL	x				
OPLAN_NONUNIT_RQMT_PRSL_VW		x			security view
OPLAN_NONUNIT_RQMT_SPOS		x			AHQ
OPLAN_PARENT	x				
OPLAN_PARENT_VW		x			security view
OPLAN_PREFERRED_ROUTING	x			x	
OPLAN_RELATED_PERSONNEL	x				
OPLAN_RELATED_PERSONNEL_VW		x			security view
OPLAN_RESOURCE	x				
OPLAN_RESOURCE_VW		x			security view
OPLAN_RESUPPLY_SHORTFALL	x				
OPLAN_RESUPPLY_SHORTFALL_VW		x			security view
OPLAN_ROUTING	x				
OPLAN_ROUTING_VW		x			security view
OPLAN_ROUTING_STOP	x			x	
OPLAN_RQMT		x			
OPLAN_RQMT_STATUS	x			x	
OPLAN_SERIES_PERMISSION	x				
OPLAN_SUPPLY_SHORTFALL	x				
OPLAN_SUPPLY_SHORTFALL_VW		x			security view
ORGLOCN		x			
ORGN_COMPONENT_SUPPLY_L7	x				
OTHER_ALT_POD		x			AHQ
OTHER_ALT_POE		x			AHQ
OTHER_AMMO_POS		x			AHQ
OTHER_APOS		x			AHQ

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
OTHER_DEST		x			AHQ
OTHER_INT		x			AHQ
OTHER_ORIGIN		x			AHQ
OTHER_POD		x			AHQ
OTHER_POE		x			AHQ
OTHER_POL_POS		x			AHQ
OTHER_RQMT	x				
OTHER_RQMT_LOC	x				
OTHER_SPOS		x			AHQ
OVERALL_READINESS		x			
PARENT_INDICATOR_TYPE	x			x	
PDR_FM_COLLECTION	x				
PDR_FM_COLLECTION_VW		x			security view
PLANSTATUS		x			
PORTS_OF_SUPPORT_L10			x		
PRIME_EQUIP_OPS_STAT_CODE		x			
RDA_CAPABILITY_LIMIT	x				
RDA_CAPABILITY_LIMIT_SCHEDULE	x				
RDA_COLLECTION	x				
RDA_COLLECTION_VW		x			security view
RDA_COMPARE1	x				
RDA_COMPARE2	x				
RDA_ERROR	x			x	
RDA_ERROR_GROUP	x			x	
RDA_ERROR_LOG	x				
RDA_ERROR_LOG_VW		x			security view

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
RDA_GEO_COUNTRY		x			
RDA_MODE_DATE	x				
RDA_OPLAN_VIEW		x			
RDA_PARAMETER_LIST	x				
RDA_PROPOSED_RQMT	x				
RDA_RQMT_GROUP	x				
RDA_RQMT_GROUP_FIELDS	x				
READINESS_LEVEL		x			
RECEIVE_QUEUE	x				
RECON_CAPABILITY_CODE		x			
REFERENCE_FILE_STATUS			x		
RESERVES		x			
RESOURCE_REASN		x			
ROLLUP_SQFT		x			AHQ
RPTNORG		x			
SEALIFT_SOURCE	x			x	
SEAPORT			x		
SEAPORT_ANCHORAGE			x		
SEAPORT_ANCHORAGE_TYPE	x			x	
SEAPORT_BERTH_DEPTH			x		
SEAPORT_BERTH_TYPE	x			x	
SEAPORT_CARGO_CAPACITY			x		
SEAPORT_CARGO_TYPE	x			x	
SEAPORT_CHANNEL			x		
SEAPORT_CLEARANCE			x		
SEAPORT_CLEARANCE_MODE	x			x	

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
SEAPORT_CRAFT			x		
SEAPORT_CRAFT_TYPE	x			x	
SEAPORT_CRANE			x		
SEAPORT_CRANE_TYPE	x			x	
SEAPORT_FLOATING_CRANE			x		
SEAPORT_MHE			x		
SEAPORT_MHE_TYPE	x			x	
SEAPORT_REMARK			x		
SEAPORT_STANDARD_BERTH			x		
SEAPORT_STRUCTURE			x		
SECURITY_CLASSIFICATION	x			x	
SEND_QUEUE	x				
SERVER	x				
SERVICE	x			x	
SERVICE_APPN_SUPPLY_L12	x				
SERVICE_FUEL_L4			x		
SERVICE_FUEL_RATE_L4			x		
SERVICE_ORGN_APPN_L11			x		
SERVICE_RESUPPLY_L3			x		
SERVICE_RESUPPLY_LOC_L2			x		
SERVICE_SUPPLY_L4			x		
SERVICE_SUPPLY_RATE_L4			x		
SHIPLOCN		x			
SHIP_CATEGORY	x				
SHIP_CAT_AVAIL_PORT	x				
SHIP_TYPE	x			x	

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
SINGLE_USE_FLAG_CODE		x			
SMDB_AFEQUIP		x			
SMDB_AFPERTNG		x			
SMDB_AFSPECAP		x			
SMDB_AF_SUBOVRAL		x			
SMDB_ARMY_GMENTS		x			
SMDB_ARMY_RMENTS		x			
SMDB_ARMY_VMENTS		x			
SMDB_COAFF		x			
SMDB_CRTCD		x			
SMDB_DEPLOY		x			
SMDB_DEPLOYED		x			
SMDB_JOPEP_WORK		x			
SMDB_MAJCOM_CODE		x			
SMDB_MAJCOM_NAME		x			
SMDB_MEQPT		x			
SMDB_NOCEAN		x			
SMDB_PACKAGE		x			
SMDB_SERVICE_COMPONENT_CODE		x			
SMDB_TUCHA		x			
SMDB_UDC_TRANSLATION		x			
SMDB_USAF_DOCID		x			
SUPPLY_CLASS	x			x	
SUPPL_RMKS_CARGO	x				
SUPPL_RMKS_CARGO_VW		x			security view
SUPPL_RMKS_FORCE_RQMT	x				

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
SUPPL_RMKS_FORCE_RQMT_VW		x			security view
SUPPL_RMKS_PRSL	x				
SUPPL_RMKS_PRSL_VW		x			security view
SUPPORTING_CINC	x				
SUPPORTING_CINC_VW		x			security view
SUPPORTING_OPLAN	x				
SUPPORTING_OPLAN_VW		x			security view
SUPT_EQUIP_OPS_STAT_CODE		x			
SVC_USNG_ORG_CARGO	x			x	
SVC_USNG_ORG_PRSL	x			x	
TOTAL_ULN_TONS		x			AHQ
TP_CONFIGURATION	x				
TP_ERROR_LOG	x				
TP_RESOURCE_MAP	x				
TRANSPORTATION_PRIORITY	x			x	
TRANSPORTATION_ROUTING	x				
TRANSPORT_COMM		x			
TREAD		x			
TYPE_COMMITMENT_CODE		x			
TYPE_PRSL_CODE		x		x	
ULN_CARGO_CAT		x			AHQ
UNIT		x			
UNITOPLN		x			
UNIT_COMPONENT_TYPE	x			x	
UNIT_CONDITION_CODE	x			x	
UNIT_DESCRIPTOR_CODE		x			

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
UNIT_ENLISTED_STREN		x			
UNIT_LEVEL		x		x	
UNIT_OFFICER_STREN		x			
UNIT_READINESS		x			
UNIT_ROLE_CODE	x			x	
UNIT_RSN		x			
UNIT_STRENGTH		x			
UNIT_STREN_SUM		x			
UNIT_TYPE			x		
UNIT_TYPE_CARGO_3RD			x		
UNIT_TYPE_CARGO_4TH			x		
UNIT_TYPE_CARGO_DETAIL		x			AHQ
UNIT_TYPE_FUEL_L1			x		
UNIT_TYPE_FUEL_RATE_L1			x		
UNIT_TYPE_FUNCT_CATEGORY	x				
UNIT_TYPE_REPLACEMENT			x		
UNIT_TYPE_SUPPLY_ITEM_L5	x				
UNIT_TYPE_SUPPLY_ITEM_RATE_L5	x				
UNIT_TYPE_SUPPLY_L1			x		
UNIT_TYPE_SUPPLY_RATE_L1			x		
UNIT_WARRANT_STREN		x			
USER_FUNCTION_PERMISSION	x				
USER_OPLAN_PERMISSION	x				
USER_OPLAN_PERMISSION_VW		x			security view
WHARF			x		
WHARF_BERTH			x		

Object Name	Table	View	Snapshot	Lookup Code Table	Comment
WHARF_CARGO_TYPE	x			x	
WHARF_CONTAINER_STORAGE			x		
WHARF_EQUIPMENT			x		

Table C-2: GCCS/JPES Core Database Object to ERD Matrix.

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
ACTIV				GSORTS Unit			
AF_LOG_SR				Major Function Code(Cargo)			
AF_PRSL_SR				Major Function Code(Force)			
AHQ_FORMATTERS							System(AHQ)
AHQ_QUALIFIER							System(AHQ)
AHQ_SYSCOL							System(AHQ)
AHQ_SYSINDEX							System(AHQ)
AHQ_SYSKEY							System(AHQ)
AHQ_SYSREF							System(AHQ)
AIRCRAFT_CATEGORY						Location, Location Code	
AIRCRAFT_CAT_LEG						Location	
AIRCRAFT_CAT_MOB_COND						Location, Location Code	
AIRCRAFT_CAT_MOB_PLAN						Location, Location Code	
AIRCRAFT_TYPE						Location Code	
AIRLIFT_SOURCE						Location Code	
AIRPORT						Major Function, Location, Location Code	
AIRPORT_AIRCRAFT_CAT						Location	

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
AIRPORT_CLEARANCE						Location, Location Code	
AIRPORT_CLEARANCE_MODE						Location Code	
AIRPORT_REMARK						Location, Location Code	
AIRPORT_STATUS						Location Code	
ALL_TABLES(DBA)							System(AHQ)
ALL_TAB_COLUMNS(DBA)							System(AHQ)
APRON						Location, Location Code	
APRON_CONDITION						Location Code	
APRON_SURFACE						Location Code	
APRON_TYPE						Location Code	
ARMYUNIQUE				GSORTS Unit			
ARMY_ACTIV				GSORTS Unit			
ASGD_TEAM_STATUS_CODE				GSORTS Unit			
ATLANTIC_GULF_GEO						Location	
AUDITOR_ERROR_MERGE							System(S&M)
AUDITOR_RECEIVE_QUEUE							System(S&M)
AUDITOR_SEND_QUEUE							System(S&M)
AVAILABILITY_CODE				GSORTS Unit			
CARGO_CATEGORY	Major Function Code(Cargo)						

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
CARGO_CONTAINERIZATION	Major Function Code (Cargo)						
CARGO_EXTENT	Major Function Code (Cargo)						
CARGO_HEAVY_ITEM_TYPE	Major Function Code (Cargo)						
CARGO_TYPE	Major Function Code (Cargo)						
CARRIER	Major Function, Major Function Code (Carrier)						
CARRIER_ALLOCATION	Major Function, Major Function Code (Carrier)						
CARRIER_ITINERARY	Major Function, Major Function Code (Carrier)						
CARRIER_ITINERARY_STOP	Major Function Code (Carrier)						
CARRIER_MANIFEST	Major Function, Major Function Code (Carrier)						
CARRIER_MODE	Major Function Code (Force)						
CARRIER_PROVIDING_ORGN				Major Function Code (Force), System(S&M)			

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
CARRIER_REMARK	Major Function, Major Function Code, (Carrier) System(S&M)						
CARRIER_REMARK_TYPE	Major Function Code (Carrier)						
CARRIER_SOURCE	Major Function Code (Force), System(S&M)						
CATEGORY_DATA_ELEMENTS							System(AHQ)
CINC_TYPE				Major Function Code (all)			
COUNTRY_STATE						Major Function Code (all), System (RDA)	
CRAF_CAT_UTILIZATION						Location	
DATA_ELEMENTS							System(AHQ)
DEPLOYMENT_CATEGORY				Major Function Code (Force)			
DISCHARGE_CONSTRAINT	Major Function Code(Carrier)						
DLA_SERVICE				Major Function Code (Cargo), LFF			
DLA_SERVICE_FUEL_L9					LFF		
DLA_SERVICE_SUPPLY_ITEM_L8					LFF		
DLA_SERVICE_SUPPLY_L9					LFF		

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
DODAAC				Major Function Code(Cargo)			
ELEMENT_CODES							System(AHQ)
EMBARKED				GSORTS Unit			
EQUIPOPLN				GSORTS Unit			
EQUIPMENT_TYPE			Major Function				
EXCEPTIONS							System(S&M)
FAILED_TRANSACTION_DIST_LOG							System(S&M)
FILE_TRANSITION							System(S&M)
FORCE_INDICATOR_TYPE			Major Function Code (Force)				
FORCE_MODULE				Major Function			
FORCE_MODULE_DESCRIPTION				Major Function			
FORCE_MODULE_RQMT			Major Function				
FORCE_PROVIDING_ORGN				Major Function Code (Force)			
FORCE_VALIDATION_ERROR			Major Function Code (Force)				
FORCE_VALIDATION_STATUS			Major Function Code (Force)				
FOREIGN_EQUIP_CODE				GSORTS Unit			
FUEL_TYPE			Major Function Code(Cargo), LFF				

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
GEOGRAPHIC_LOCATION						Major Function, Major Function Code(all), Location, Location Code, GSORTS Unit, LFF, System(RDA)	
HARBOR						Location, Location Code	
HARBOR_TYPE						Location Code	
HOST_SITE							System(S&M)
ICAO						Location Code	
INSTALLATION_TYPE						Major Function Code (all)	
JOPEX_USER							System(AHQ) System(S&M) System(RDA)
LFF_SUSTAINMENT					LFF		
LOAD_CONFIGURATION_TYPE	Major Function Code(Carrier)						
LOAD_COUNT							System(S&M)
LOGISTICS_PLANNING					Major Function Code(all)		
MAJ_EQUIP_USE				GSORTS Unit			
MECAP				GSORTS Unit			
MECL				GSORTS Unit			
MEQLOCN				GSORTS Unit			

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
MILSTAMP						Major Function	
MOB_CONDITION						Location Code	
MOVEMENT_LEG	Major Function Code (Carrier), System(S&M)						
NONUNIT_CARGO_PRVDNG_ORGN				Major Function Code(Cargo)			
NONUNIT_PRSL_PRVDNG_ORGN				Major Function Code (Force)			
NONUNIT_RLTD_TY_MVT_CARGO			Major Function Code(Cargo)				
NONUNIT_RLTD_TY_MVT_PRSL			Major Function Code (Force)				
NONUNIT_STOP_REASON						Major Function Code (Carrier)	
OPLAN		Major Function, Major Function Code (all), System (S&M), System (RDA)					
OPLAN_ACCESS		System (S&M)					
OPLAN_AGENCY_USE		Major Function, Major Function Code (Force)					

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
OPLAN_ASSUMPTION		Major Function					
OPLAN_CARRIER	Major Function						
OPLAN_CONCEPT		Major Function					
OPLAN_CONDITION		Major Function					
OPLAN_CONSTRAINT		Major Function					
OPLAN_FORCE_RQMT			Major Function, Major Function Code(Force)				
OPLAN_FORCE_RQMT_CARGO	Major Function, Major Function Code(Cargo)						
OPLAN_FORCE_RQMT_CARGO4	Major Function, Major Function Code(Cargo)						
OPLAN_FORCE_RQMT_CARGO_ALL	Major Function						
OPLAN_FORCE_RQMT_LOC						Major Function, Major Function Code (Carrier)	
OPLAN_MAJOR_FORCE				Major Function			
OPLAN_MISSION		Major Function					
OPLAN_NARRATIVE		Major Function					

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
OPLAN_NONUNIT_RQMT_CARGO	Major Function, Major Function Code (Cargo), LFF						
OPLAN_NONUNIT_RQMT_LOC						Major Function, Major Function Code (Carrier)	
OPLAN_NONUNIT_RQMT_PRSL				Major Function, Major Function Code (Force)			
OPLAN_PARENT		System (RDA)					
OPLAN_PREFERRED_ROUTING	Major Function Code (Carrier)						
OPLAN_RELATED_PERSONNEL				Major Function			
OPLAN_RESOURCE		Major Function					
OPLAN_RESUPPLY_SHORTFALL					Major Function		
OPLAN_ROUTING	System (S&M)						
OPLAN_ROUTING_STOP	Major Function Code (Carrier)						
OPLAN_RQMT			Major Function, System (RDA)				
OPLAN_RQMT_STATUS			Major Function Code (Carrier)				
OPLAN_SERIES_PERMISSION							System (S&M)

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
OPLAN_SUPPLY_SHORTFALL					Major Function		
ORGLOCN						GSORTS Unit	
ORGN_COMPONENT_SUPPLY_L7					LFF		
OTHER_RQMT			Major Function, Major Function Code(Cargo), LFF				
OTHER_RQMT_LOC						Major Function, Major Function Code (Carrier)	
OVERALL_READINESS				GSORTS Unit			
PARENT_INDICATOR_TYPE		Major Function Code (Force)					
PDR_FM_COLLECTION							System(RDA)
PLANSTATUS				GSORTS Unit			
PORTS_OF_SUPPORT_L10						LFF	
PRIME_EQUIP_OPS_STAT_CODE				GSORTS Unit			
RDA_CAPABILITY_LIMIT							System(RDA)
RDA_CAPABILITY_LIMIT_ SCHEDULE							System(RDA)
RDA_COLLECTION							System(RDA)
RDA_COMPARE1							System(RDA)
RDA_COMPARE2							System(RDA)
RDA_ERROR							System(RDA)
RDA_ERROR_GROUP							System(RDA)
RDA_ERROR_LOG							System(RDA)

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
RDA_GEO_COUNTRY							System(RDA)
RDA_MODE_DATE							System(RDA)
RDA_OPLAN_VIEW							System(RDA)
RDA_PARAMETER_LIST							System(RDA)
RDA_PROPOSED_RQMT			System(RDA)				
RDA_RQMT_GROUP			System(RDA)				
RDA_RQMT_GROUP_FIELDS			System(RDA)				
READINESS_LEVEL				GSORTS Unit			
RECEIVE_QUEUE							System(S&M)
RECON_CAPABILITY_CODE				GSORTS Unit			
REFERENCE_FILE_STATUS							Major Function Code(all), System(S&M)
RESERVES				GSORTS Unit			
RESOURCE_REASN				GSORTS Unit			
RPTNORG				GSORTS Unit			
SEALIFT_SOURCE						Location Code	
SEAPORT						Major Function, Location	
SEAPORT_ANCHORAGE						Location, Location Code	
SEAPORT_ANCHORAGE_TYPE						Location Code	
SEAPORT_BERTH_DEPTH						Location	
SEAPORT_BERTH_TYPE						Location Code	
SEAPORT_CARGO_CAPACITY						Location, Location Code	

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
SEAPORT_CARGO_TYPE						Location Code	
SEAPORT_CHANNEL						Location	
SEAPORT_CLEARANCE						Location, Location Code	
SEAPORT_CLEARANCE_MODE						Location Code	
SEAPORT_CRAFT						Location, Location Code	
SEAPORT_CRAFT_TYPE						Location Code	
SEAPORT_CRANE						Location, Location Code	
SEAPORT_CRANE_TYPE						Location Code	
SEAPORT_FLOATING_CRANE						Location	
SEAPORT_MHE						Location, Location Code	
SEAPORT_MHE_TYPE						Location Code	
SEAPORT_REMARK						Location, Location Code	
SEAPORT_STANDARD_BERTH						Location, Location Code	
SEAPORT_STRUCTURE						Location, Location Code	
SECURITY_CLASSIFICATION						Major Function Code(all), Location Code, LFF	

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
SEND_QUEUE							System(S&M)
SERVER							System(S&M)
SERVICE				Major Function Code(Force), GSORTS Unit, System(S&M)			
SERVICE_APPN_SUPPLY_L12					LFF		
SERVICE_FUEL_L4					LFF		
SERVICE_FUEL_RATE_L4					LFF		
SERVICE_ORGN_APPN_L11					LFF		
SERVICE_RESUPPLY_L3					LFF		
SERVICE_RESUPPLY_LOC_L2						LFF	
SERVICE_SUPPLY_L4					LFF		
SERVICE_SUPPLY_RATE_L4					LFF		
SHIPLOCN						GSORTS Unit	
SHIP_CATEGORY						Location, Location Code	
SHIP_CAT_AVAIL_PORT						Location, Location Code	
SHIP_TYPE						Location Code	
SINGLE_USE_FLAG_CODE				GSORTS Unit			
SMDB_AFEQUIP				GSORTS Unit			
SMDB_AFPERTNG				GSORTS Unit			
SMDB_AFSPECAP				GSORTS Unit			
SMDB_AF_SUBOVRAL				GSORTS Unit			
SMDB_ARMY_GMENTS				GSORTS Unit			
SMDB_ARMY_RMENTS				GSORTS Unit			

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
SMDB_ARMY_VMENTS				GSORTS Unit			
SMDB_COAFF				GSORTS Unit			
SMDB_CRTCD				GSORTS Unit			
SMDB_DEPLOY				GSORTS Unit			
SMDB_DEPLOYED				GSORTS Unit			
SMDB_JOPEX_WORK				GSORTS Unit			
SMDB_MAJCOM_CODE				GSORTS Unit			
SMDB_MAJCOM_NAME				GSORTS Unit			
SMDB_MEQPT				GSORTS Unit			
SMDB_NOCEAN				GSORTS Unit			
SMDB_PACKAGE				GSORTS Unit			
SMDB_SERVICE_COMPONENT_CODE				GSORTS Unit			
SMDB_TUCHA				GSORTS Unit			
SMDB_UDC_TRANSLATION				GSORTS Unit			
SMDB_USAF_DOCID				GSORTS Unit			
SUPPLY_CLASS					Major Function Code (Cargo), LFF		
SUPPL_RMKS_CARGO				Major Function Code(Cargo)			
SUPPL_RMKS_FORCE_RQMT				Major Function Code (Force)			
SUPPL_RMKS_PRSL				Major Function Code (Force)			

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
SUPPORTING_CINC				Major Function, Major Function Code(all)			
SUPPORTING_OPLAN		Major Function					
SUPT_EQUIP_OPS_STAT_CODE				GSORTS Unit			
SVC_USNG_ORG_CARGO	Major Function Code(Cargo)						
SVC_USNG_ORG_PRSL				Major Function Code (Force)			
TP_CONFIGURATION							System(S&M)
TP_ERROR_LOG							System(S&M)
TP_RESOURCE_MAP							System(S&M)
TRANSPORTATION_PRIORITY			Major Function Code (Carrier)				
TRANSPORTATION_ROUTING			Major Function Code (Carrier)				
TRANSPORT_COMM				GSORTS Unit			
TREAD				GSORTS Unit			
TYPE_COMMITMENT_CODE				GSORTS Unit			
TYPE_PRSL_CODE				GSORTS Unit			
UNIT				Major Function, Major Function Code(Force), Location, GSORTS Unit			
UNITOPLN				GSORTS Unit			

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
UNIT_COMPONENT_TYPE				Major Function Code(Force), GSORTS Unit			
UNIT_CONDITION_CODE				GSORTS Unit			
UNIT_DESCRIPTOR_CODE				GSORTS Unit			
UNIT_ENLISTED_STREN				GSORTS Unit			
UNIT_LEVEL				Major Function Code(Force), GSORTS Unit			
UNIT_OFFICER_STREN				GSORTS Unit			
UNIT_READINESS				Major Function, GSORTS Unit			
UNIT_ROLE_CODE				GSORTS Unit			
UNIT_RSN				GSORTS Unit			
UNIT_STRENGTH				GSORTS Unit			
UNIT_STREN_SUM				GSORTS Unit			
UNIT_TYPE				Major Function, Major Function Code(Force)			
UNIT_TYPE_CARGO_3RD	Major Function, Major Function Code(Cargo)						
UNIT_TYPE_CARGO_4TH	Major Function, Major Function Code(Cargo)						
UNIT_TYPE_FUEL_L1					LFF		
UNIT_TYPE_FUEL_RATE_L1					LFF		

Subject Area/ Object	Carrier	Oplan	Requirement	Unit	Supply	Location	System Management
UNIT_TYPE_FUNCT_CATEGORY				GSORTS Unit, Major Function Code (Force)			
UNIT_TYPE_REPLACEMENT				Major Function			
UNIT_TYPE_SUPPLY_ITEM_L5					LFF		
UNIT_TYPE_SUPPLY_ITEM_RATE_ L5					LFF		
UNIT_TYPE_SUPPLY_L1					LFF		
UNIT_TYPE_SUPPLY_RATE_L1					LFF		
UNIT_WARRANT_STREN				GSORTS Unit			
USER_FUNCTION_PERMISSION							System(S&M)
USER_OPLAN_PERMISSION							Major Function, System(S&M)
WHARF						Location	
WHARF_BERTH						Location, Location Code	
WHARF_CARGO_TYPE						Location Code	
WHARF_CONTAINER_STORAGE						Location	
WHARF_EQUIPMENT						Location	

Figure C-3: Major Functional Areas Reference Data.

Figure C-4: Major Functional Areas/Codes Look-up Tables (FORCE).

Figure C-5: Major Functional Areas/Codes Look-up Tables (CARRIER).

Figure C-6: Major Functional Areas/Codes Look-up Tables (CARGO).

Figure C-7: Air/Sea Lifts & Ports Reference.

Figure C-8: Air/Sea Lifts & Ports Codes/Look-up Tables.

Figure C-9: LFF Reference Data.

Figure C-10: Ad Hoc Query Tables.

Figure C-11: System Level Data.

Figure C-12: Requirements Data Analysis (RDA).

Figure C-13: GSORTS UNIT View.